



How to change engine oil  
and filter on **LEXUS IS C**  
**(GSE2\_)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

This replacement procedure can be used for:

LEXUS IS C (GSE2\_) 300

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: LEXUS RX (MHU3\_, GSU3\_, MCU3\_) 3.3 400h AWD

REPLACEMENT: ENGINE OIL AND FILTER – LEXUS IS C (GSE2\_). TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Combination spanner #14
- Drive socket # 10
- Drive socket # 14
- Oil filter cup socket 76-14F
- Ratchet wrench
- Torque wrench
- Clip removal tool
- Oil drain pan
- Funnel
- Fender cover

**Buy tools**

Replacement: engine oil and filter – LEXUS IS C (GSE2\_). Tip from AUTODOC experts:

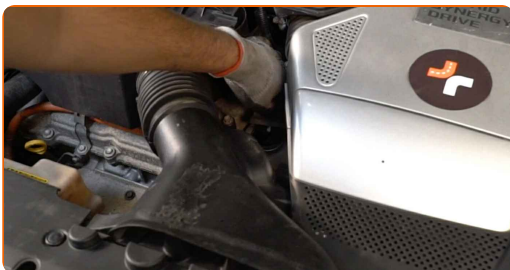
- Replace the oil filter every time when changing motor oil.
- All work should be done with the engine stopped.
- Wear gloves to prevent contact with hot liquid.

## REPLACEMENT: ENGINE OIL AND FILTER – LEXUS IS C (GSE2\_). USE THE FOLLOWING PROCEDURE:

**1** Open the hood.

**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**3** Unscrew the oil filler plug.

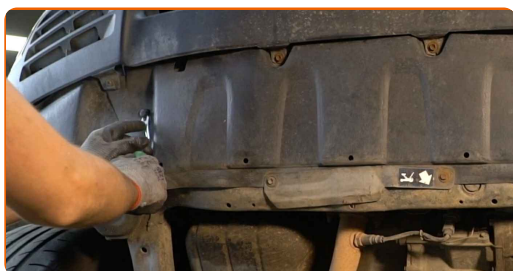


**4** Lift the car using a jack or place it over an inspection pit.

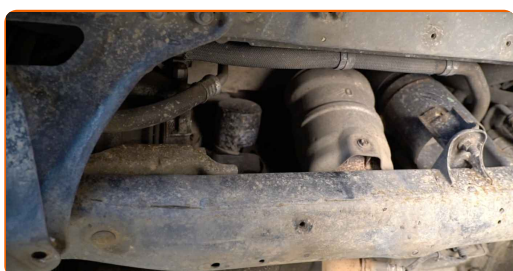
Replacement: engine oil and filter – LEXUS IS C (GSE2\_). AUTODOC experts recommend:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

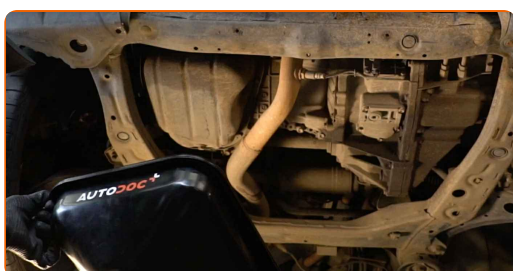
- 5 Undo the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench. Use a clip removal tool.



- 6 Remove the oil pan cover.



- 7 Put a waste oil container with at least 5 l capacity under the drainage hole.

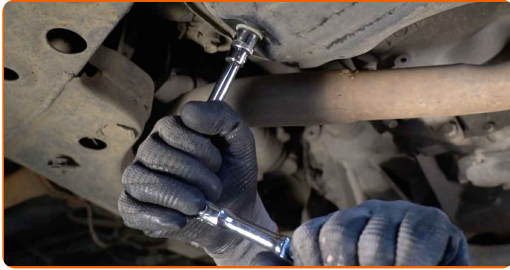


- 8 Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



9

Unscrew the drain plug. Use a combination spanner #14. Use a drive socket #14. Use a ratchet wrench.



10

Drain the used oil.

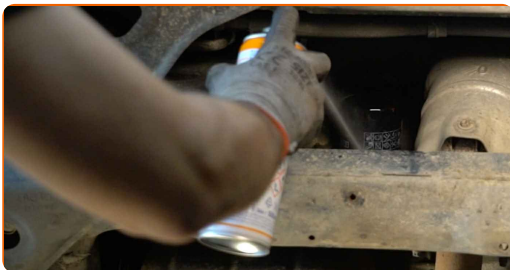


Replacement: engine oil and filter – LEXUS IS C (GSE2\_). Tip from AUTODOC:

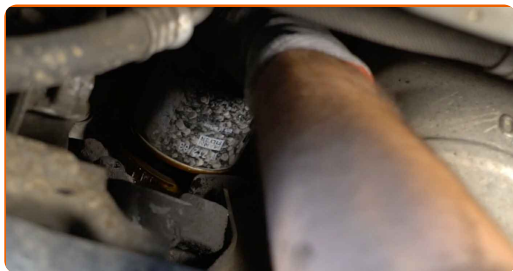
- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

11

Prepare a container for the old oil filter.



**12** Unscrew the oil filter. Use the 76-14F socket. Use a ratchet wrench.

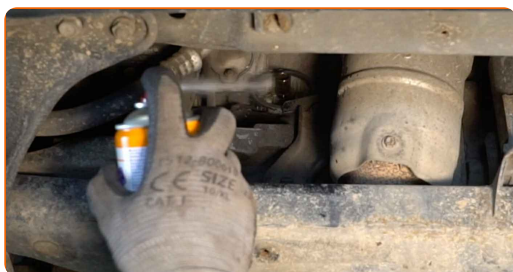


**13** Put the old oil filter in the container.

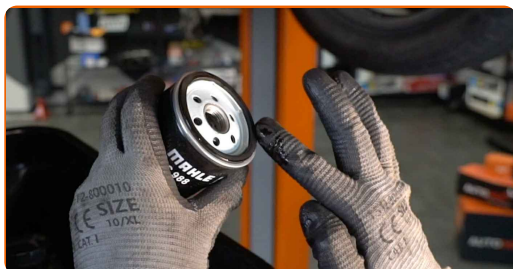
Replacement: engine oil and filter – LEXUS IS C (GSE2\_). Tip from AUTODOC experts:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

**14** Clean the oil filter seat. Use all-purpose cleaning spray.



**15** Lubricate the rubber seal of the new filter with a little amount of fresh oil.



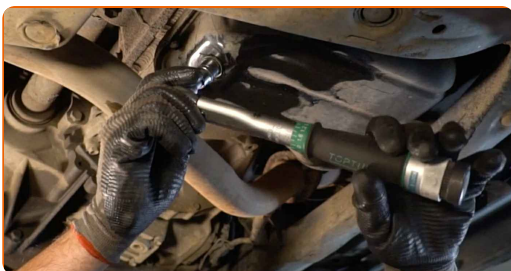
**16** Screw the new filter into its place. Use the 76-14F socket. Use a torque wrench. Tighten it to 23 Nm torque.



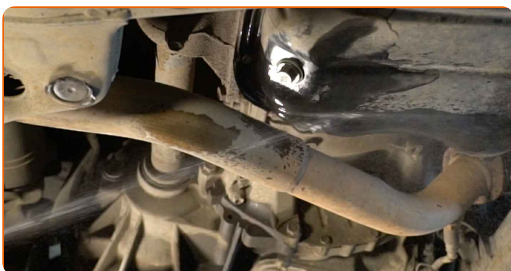
**17** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



**18** Screw in the new drainage plug and tighten it. Use a drive socket #14. Use a torque wrench. Tighten it to 27 Nm torque.

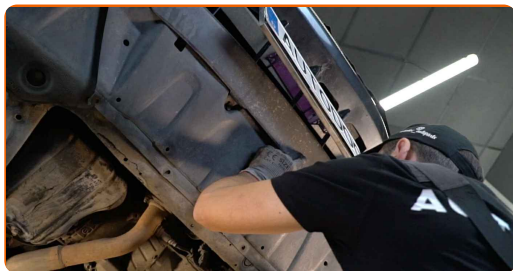


**19** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

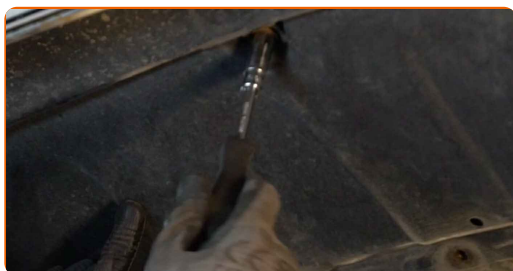




**20** Reinstall the oil pan lower cover.



**21** Tighten the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench.

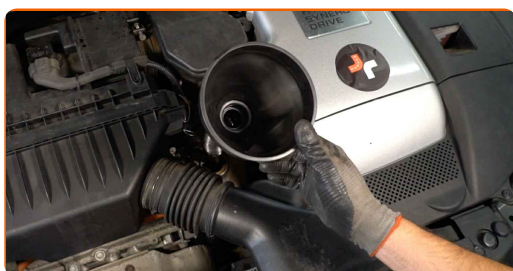


**22** Lower the car.

**23** Remove the oil filler cap.



**24** Insert the funnel.



25

Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – LEXUS IS C (GSE2\_). Tip:

- Use the oil recommended by the manufacturer.

26

Check the oil level using the dipstick. Top up oil if necessary.



Please note!

- The oil level should be between the Min and Max marks.

27

Install the oil filler cap.



**28** Tighten the oil filler cap.



**29** Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

**30** Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



**Please note!**

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

**31** Remove the fender protection cover.

**32** Close the hood.

Replacement: engine oil and filter – LEXUS IS C (GSE2\_). AUTODOC experts recommend:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**WELL DONE!** 

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